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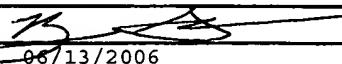
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21186 7590 03/13/2006
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH
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Ryan B. Saunders	(Depositor's name)
	
06/13/2006	
(Signature)	
(Date)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/526,646	03/15/2000	Ming-King "Max" Liu	19917-000200US	1209

TITLE OF INVENTION: AUTOMATIC DATA CPU LOAD REDUCTION IN A HOST-SIGNAL PROCESSING (HSP) BASED ADSL MODEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES No	\$700 1400.00	\$0	\$700 1400.00	06/13/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
LEE, CHI HO A	2663	370-459000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.
2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
- 1 _____
2 _____ Schwegman, Lundberg,
3 _____ Woessner & Kluth, P.A.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Realtek Semiconductor Corp.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Hsinchu, Taiwan R.O.C.

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

- Issue Fee
 Publication Fee (No small entity discount permitted)
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4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 19-0743 (enclose an extra-copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, registrant attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature 

Typed or printed name Timothy B. Clise

01 FC:1401
02 F1:0000
1400.00 OP
30.00 OP

Date 06/13/06
Registration No. 40,957

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ming-Kang Liu

Title: AUTOMATIC DATA CPU LOAD REDUCTION IN A HOST-SIGNAL PROCESSING (HSP)
BASED ADSL MODEM

Docket No.: 2205.014US1

Serial No.: 09/526,646

Filed: March 15, 2000

Due Date: June 13, 2006

Examiner: Chi Ho A Lee

Group Art Unit: 2663

Customer No.: 21186

Confirmation No.: 1209

Commissioner for Patents

Notice of Allowance Date:

Attn: MAIL STOP ISSUE FEE

March 13, 2006

P.O. Box 1450

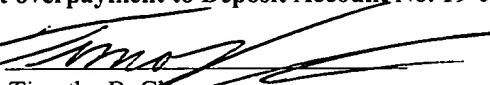
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We are transmitting herewith the attached:

- A check in the amount of \$1400.00 to cover the Large Entity Issue Fee Payment.
- A check in the amount of \$30.00 to cover the Extra Patent Copies Fee (10 copies).
- Issue Fee Transmittal (Form PTOL-85).
- A return postcard.

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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

By 

Customer Number: 21186

Timothy B. Chase
Reg. No. 40,957
TBC:CMG:rbs

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Name Ryan Saunders


Signature